

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L3    | 7    | "6043027"   | USPAT              | OR               | OFF     | 2006/11/24 16:10 |
| L4    | 4    | "6439036"   | USPAT              | OR               | OFF     | 2006/11/24 16:10 |
| L5    | 8    | "6455007"   | USPAT              | OR               | OFF     | 2006/11/24 16:10 |
| S1    | 10   | "5490415"   | USPAT              | OR               | OFF     | 2006/11/22 15:58 |
| S2    | 1    | "669276"  | US-PGPUB           | OR               | OFF     | 2006/11/22 16:08 |
| S3    | 0    | "2002025509"  | US-PGPUB           | OR               | OFF     | 2006/11/22 16:08 |
| S4    | 0    | "2002025509"  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:08 |
| S5    | 7    | "025509"  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:09 |
| S6    | 0    | 2002/025509   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:09 |
| S7    | 27   | chen adj hongming.in.                                     | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:13 |
| S8    | 71   | retaining adj plate same membrane                         | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:20 |
| S9    | 0    | retaining adj plate same membrane and (422/101 or 422/82) | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:21 |
| S10   | 9    | retaining adj plate same membrane and "422"/\$            | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:32 |
| S11   | 4821 | roscoe  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:33 |
| S12   | 1353 | roscoe.in.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:33 |
| S13   | 1    | (roscoe).in. and retaining adj plate                      | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:33 |
| S14   | 1    | (roscoe and rakow).in. and retaining adj plate            | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:37 |
| S15   | 4    | (roscoe and rakow).in.                                    | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:33 |
| S16   | 99   | 73/64.47.ccls.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:41 |
| S17   | 1091 | 73/38.ccls.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:44 |
| S18   | 38   | 73/38.ccls. and plate same plurality                      | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:47 |
| S19   | 669  | 210/321.84  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:47 |
| S20   | 357  | 210/321.84 and plate                                      | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/11/22 16:47 |

## EAST Search History

|     |     |  |                              |    |     |                  |
|-----|-----|--|------------------------------|----|-----|------------------|
| S21 | 146 | 210/321.84 and plate same plurality  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/11/22 16:48 |
| S22 | 67  | 210/321.84 and plate same plurality<br>same membrane   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/11/22 16:48 |
| S23 | 77  | 210/321.84 and plate same plurality<br>same membrane   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/11/22 16:48 |
| S24 | 28  | ("3378481"   "3913895"   "4493815"  <br>"4517338"   "5039493"   "5056427"  <br>"5188733"   "5205845"   "5282543"  <br>"5516490"   "5525300"   "5540891"  <br>"5593642"   "5746982"   "5792430"  <br>"5882601"   "5888454"   "5897842"  <br>"5961926"   "6054100"   "6159368").<br>PN. OR ("6455007").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/11/22 16:52 |